

Knife disconnect terminal block - ST 2,5-TWIN-MT/1P - 3040766

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Knife disconnect terminal block, Connection type: Spring-cage/plug-in connection, Cross section: 0.08 mm² - 4 mm², AWG: 28 - 12, Nominal current: 20 A, Nominal voltage: 400 V, Length: 81 mm, Width: 5.2 mm, Color: gray, Assembly: NS 35/7,5, NS 35/15

Product Features

- Design width of just 5.2 mm
- Tested for railway applications



Key Commercial Data

Packing unit	1 pc
Weight per Piece (excluding packing)	10.23 g
Custom tariff number	85369010
Country of origin	Poland

Technical data

General

Number of levels	1
Number of connections	2
Nominal cross section	2.5 mm ²
Color	gray
Insulating material	PA
Flammability rating according to UL 94	V0
Area of application	Railway industry Machine building Plant engineering
Rated surge voltage	6 kV
Degree of pollution	3
Overvoltage category	III

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Technical data

General

Insulating material group	I
Connection in acc. with standard	IEC 61984
Nominal current I_N	20 A
Maximum load current	20 A (with 4 mm ² conductor cross section)
Nominal voltage U_N	400 V
Open side panel	Yes

Dimensions

Width	5.2 mm
Length	81 mm
Height NS 35/7,5	36.5 mm
Height NS 35/15	44 mm

Connection data

Conductor cross section solid min.	0.08 mm ²
Conductor cross section solid max.	4 mm ²
Conductor cross section flexible min.	0.08 mm ²
Conductor cross section flexible max.	2.5 mm ²
Conductor cross section AWG min.	28
Conductor cross section AWG max.	12
Conductor cross section flexible, with ferrule without plastic sleeve min.	0.14 mm ²
Conductor cross section flexible, with ferrule without plastic sleeve max.	2.5 mm ²
Conductor cross section flexible, with ferrule with plastic sleeve min.	0.14 mm ²
Conductor cross section flexible, with ferrule with plastic sleeve max.	2.5 mm ²
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max.	0.5 mm ²
Connection method	Spring-cage/plug-in connection
Stripping length	8 mm ... 10 mm
Internal cylindrical gage	A3

Standards and Regulations

Connection in acc. with standard	CSA
	IEC 61984
Flammability rating according to UL 94	V0

Classifications

eCl@ss

eCl@ss 4.0	27141127
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Classifications

eCl@ss

eCl@ss 4.1	27141127
eCl@ss 5.0	27141127
eCl@ss 5.1	27141127
eCl@ss 6.0	27141127
eCl@ss 7.0	27141127
eCl@ss 8.0	27141126

ETIM

ETIM 2.0	EC000902
ETIM 3.0	EC000902
ETIM 4.0	EC000902
ETIM 5.0	EC000902

UNSPSC

UNSPSC 6.01	30211811
UNSPSC 7.0901	39121410
UNSPSC 11	39121410
UNSPSC 12.01	39121410
UNSPSC 13.2	39121410

Approvals

Approvals

Approvals

CSA / UL Recognized / cUL Recognized / LR / GL / BV / RS / EAC / EAC / cULus Recognized

Ex Approvals

Approvals submitted

Approval details

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Approvals

CSA	
	B
mm ² /AWG/kcmil	28-12
Nominal current IN	20 A
Nominal voltage UN	300 V

UL Recognized			
	B	C	D
mm ² /AWG/kcmil	28-12	28-12	28-12
Nominal current IN	20 A	20 A	5 A
Nominal voltage UN	300 V	300 V	600 V

cUL Recognized			
	B	C	D
mm ² /AWG/kcmil	28-12	28-12	28-12
Nominal current IN	20 A	20 A	5 A
Nominal voltage UN	300 V	300 V	600 V

LR

GL

BV

RS

EAC

EAC

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Approvals



Drawings

Diagram

Applies
to
all
male
connector
variants
SP... .

Circuit diagram

